

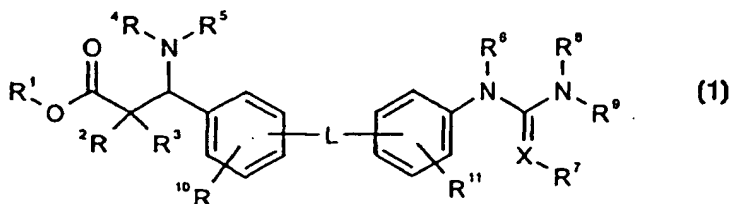


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(54) Title:  $\beta$ -PHENYLALANINE DERIVATIVES AS INTEGRIN ANTAGONISTS

## (57) Abstract

The present invention relates to compounds of general formula (1), wherein  $R^4$  is  $-\text{SO}_2R^4$ ,  $-\text{COOR}^4$ ,  $-\text{COR}^4$ ,  $-\text{CONR}^4_2$  or  $-\text{CSNR}^4_2$ ;  $R^4$  is hydrogen, a substituted or unsubstituted alkyl or cycloalkyl residue, a substituted or unsubstituted aryl residue or a saturated or unsaturated, optionally substituted heterocyclic residue;  $R^4$  is a substituted or unsubstituted alkyl or cycloalkyl residue, a substituted or unsubstituted aryl residue or a saturated or unsaturated, optionally substituted heterocyclic residue; L is a sulphonamide, amide, ether, ester, keto, urea, thioether, sulphoxide or sulphone unit optionally extended by one or two methylene groups; and X is N, O or S; and their physiologically acceptable salts and stereoisomers. The present invention furthermore relates to a process for the preparation of the compounds of formula (1), a pharmaceutical composition containing at least one of these compounds, and the use of compounds of formula (1) for the production of a pharmaceutical composition having integrin-antagonistic action and in particular for the inhibition of angiogenesis and/or for the therapy and prophylaxis of cancer, osteolytic diseases such as osteoporosis, arteriosclerosis, restenosis and ophthalmic disorders.